

# TOSHIBA

The finest combination of scalability  
and value in corporate computing

## TECRA S1 series

The TECRA S1 offers outstanding stability, scalability and value-for-money in an innovative design. The latest breakthroughs, including Intel® Centrino™ mobile technology\*, bring the benefits of seamless wireless connectivity and exceptional mobile performance to corporate computing.

- **Optimum platform stability** – long product lifecycles, common software, docking and options reduce TCO
- **Enhanced productivity** – state-of-the-art features including Intel® Centrino™ mobile technology\* boost performance and extend battery life
- **Mobility in the desktop replacement** – combines full mobility with desktop benefits
- **Stay connected, your way** – all the latest communication technologies on board including WLAN 802.11b with future-ready 802.11a/b
- **First-class expansion** – full range of integrated ports, optional Advanced Port Replicator II further extends functionality



Toshiba recommends Microsoft® Windows® XP Professional for Business

*Choose freedom.*

# TECRA S1 series



**Optimum platform stability** - Designed to optimize investment protection, this future-proof corporate platform features common software images in all configurations throughout a product lifecycle of at least 12 months. Common docking and Slim SelectBay modules ensure cross-platform compatibility. Easy upgrade routes meet all future needs.



**Enhanced productivity** - Running Intel® Centrino™ mobile technology\*, this flexible series delivers cutting-edge performance, longer battery life and seamless connectivity – maximizing mobility and productivity for corporate and executive users. Other advanced components include an ATI Mobility Radeon 9000 GPU for impressive graphics and multimedia presentations.



**Mobility in the desktop replacement** - Powerful desktop PC features combine with all the benefits of mobility. Innovations for greater ease of use include Toshiba's dual pointing navigating device, while ConfigFree™ software takes care of easy network control. On the road, users will welcome the sleek, robust, easy-to-carry case.



**Stay connected, your way** - On-board is a wide choice of ways to connect to the company network or Internet. For wireless access use the integrated WLAN 802.11b, with built-in dual band antenna for future 802.11a/b capability, 10/100 Ethernet LAN handles cabled connections.



**First-class expansion** - State-of-the-art on-board expansion equips the user for almost any task. Three high-speed USB 2.0 ports connect standard devices at data transfer rates of 480 Mbps. Access other devices on the desktop with an optional Advanced Port Replicator II. Away from the office, exploit remote connectivity with a PC card.

## Toshiba recommends Microsoft® Windows® XP Professional for Business

Product Number	PT831L-009FN (Pentium® M/1.4GHz/14.1"/30GB/DVD-ROM)	PT831L-102SY (Centrino/1.4GHz/14.1"/30GB/DVD-ROM/Wi-Fi)	PT831L-11Q4L (Centrino/1.5GHz/15.0"/40GB/Combo/Wi-Fi)	
Processor <sup>1</sup>	Intel® Pentium® M processor (1.4GHz, 400MHz Front Side Bus, 1MB L2 Cache) and Intel® 855PM chipset	Intel® Centrino™ mobile technology including Intel® Pentium® M processor (1.4GHz, 400MHz Front Side Bus, 1MB L2 Cache), Intel® PRO/Wireless 2100 network connection and Intel® 855PM chipset	Intel® Centrino™ mobile technology including Intel® Pentium® M processor (1.5GHz, 400MHz Front Side Bus, 1MB L2 Cache), Intel® PRO/Wireless 2100 network connection and Intel® 855PM chipset	
Memory	256MB PC2100 DDR SDRAM, expandable to 1024MB <sup>2</sup>	256MB PC2100 DDR SDRAM, expandable to 1024MB <sup>2</sup>	256MB PC2100 DDR SDRAM, expandable to 1024MB <sup>2</sup>	
Mass Storage	30GB S.M.A.R.T., up to 90GB if optional 2nd HDD is inserted into Slim SelectBay <sup>3</sup>	30GB S.M.A.R.T., up to 90GB if optional 2nd HDD is inserted into Slim SelectBay <sup>3</sup>	40GB S.M.A.R.T., up to 100GB if optional 2nd HDD is inserted into Slim SelectBay <sup>3</sup>	
Optical Disk Drive	Slim SelectBay 8X DVD-ROM Drive (max. 24X when CD-ROM is accessed)	Slim SelectBay 8X DVD-ROM Drive (max. 24X when CD-ROM is accessed)	Slim SelectBay 24X/10X/8X CD-RW/DVD-ROM Drive (max. 24X when CD-ROM is accessed)	
Floppy Disk Drive	Optional external USB 3.5", 1.44MB diskette drive	Optional external USB 3.5", 1.44MB diskette drive	Optional external USB 3.5", 1.44MB diskette drive	
Display	15.0" XGA TFT active matrix 16.7 million colors at 1,024 x 768 resolution	15.0" XGA TFT active matrix 16.7 million colors at 1,024 x 768 resolution	15.0" XGA TFT active matrix 16.7 million colors at 1,024 x 768 resolution	
External Video Modes	Max. colors: 16.7 million, max. refresh rate: 100Hz, max. resolution: 2,048 x 1,536, non-interlaced resolution with max. refresh rate: 1,280 x 1,024			
Wireless communication <sup>4</sup>	Fast Infrared (4Mbps), 802.11b Wireless LAN ready, Dual band (802.11a/b) network support ready	Fast Infrared (4Mbps), Integrated 802.11b Wireless LAN, Dual band (802.11a/b) network support ready	Fast Infrared (4Mbps), Integrated 802.11b Wireless LAN, Dual band (802.11a/b) network support ready	
Wired communication	Integrated international V.90 modem (56Kbps data, 14.4Kbps fax) and 10/100Mbps Ethernet			
Graphics Controller	ATI MOBILITY™ RADEON™ 9000, 32MB DDR Video RAM, 4X AGP bus			
Keyboard	85-key Ergonomic Keyboard, Dual pointing device (consists of integrated Accupoint II and TouchPad), Windows® Key, Application Key and hot key functions			
PC Card slots	Type III x 1 or Type II x 2 (Card Bus supported)			
Expansion Ports	Serial, Parallel, RGB, PS/2 Keyboard/Mouse, Fast Infrared (4Mbps), USB 2.0 x 3, SD Media slot, External Microphone (monaural), Headphone (stereo), NTSC/PAL TV-Out, RJ-11, RJ-45, Expansion Bus, DC-in			
Sound	16-bit stereo SoundBlaster Pro and Windows Sound System compatible, built-in stereo speakers, built-in microphone (monaural), volume dial			
Power Supply	Universal 100-240V AC adaptor for worldwide usage			
Battery Type/Life <sup>5</sup>	Exchangeable 9-Cell Lithium-Ion battery. Maximum battery life: Up to 5.4 hours, with optional 2nd battery up to 8.5 hours			
Security	Cable Lock port, Power on Password, Supervisor Password, Keyboard Lock, Screen Blank			
System Management	ACPI power management, system management BIOS V2.3			
Pre-installed OS	Microsoft® Windows® XP Professional			
Bundled software & CD	Toshiba Utilities and Drivers, Microsoft® Internet Explorer, Microsoft® Media Player, Adobe Acrobat Reader, InterVideo™ WinDVD, ConfigFree™, Connectivity Doctor, Toshiba Management Console, Toshiba Recovery CD	Toshiba Utilities and Drivers, Microsoft® Internet Explorer, Microsoft® Media Player, Adobe Acrobat Reader, InterVideo™ WinDVD, ConfigFree™, Connectivity Doctor, Toshiba Management Console, Toshiba Recovery CD	Toshiba Utilities and Drivers, Microsoft® Internet Explorer, Microsoft® Media Player, Adobe Acrobat Reader, InterVideo™ WinDVD, Drag'n Drop CD, ConfigFree™, Connectivity Doctor, Toshiba Management Console, Toshiba Recovery CD	
Weight <sup>6</sup>	3.0kg			
Dimensions (W x D x H) <sup>7</sup>	327 x 287 x 33.1/34.1 (front/back) mm			
Warranty	3-years parts & labor, 1-year battery International Limited Warranty			
Options	PA3127U-1M25 PA3164U-1M51 PA3083U-1ACA PA3257U-1BAS PA3249U-1BAS PA3109U-1FDD PA3116U-1H30 PA3133U-1H40 PA3204U-1H60 PA3134U-1ETC PA3138U-2CD1 PA3137L-3CD2 PA3231L-1DV1 PA3082U-2PRP  PA3266U-1MPC PA3236U-1MPC PA3079T-1PCC	PC2100 256MB Memory Kit PC2100 512MB Memory Kit Universal 75W AC Adaptor Lithium Ion Rechargeable 9-Cell Battery Pack (Black) Slim SelectBay 2nd Battery Pack USB Floppy Disk Drive Kit 30GB (4,200rpm) HDD Kit <sup>3</sup> 40GB (5,400rpm) HDD Kit <sup>3</sup> 60GB (5,400rpm) HDD Kit <sup>3</sup> Slim SelectBay HDD Adaptor (Black) <sup>3</sup> Slim SelectBay CD-R/RW Drive Kit (Black) Slim SelectBay 24X/10X/24X/8X CD-RW/DVD-ROM Drive Kit (Black) Slim SelectBay DVD-R/RW/RAM Multi Drive Kit (Black) Advanced Port Replicator II (Interfaces: Serial, Parallel, RGB, USB 2.0 x 2, i.LINK (IEEE 1394) (not supported on TECRA S1), PS/2 Keyboard, PS/2 Mouse, Line-in, Line-out, Digital Video Interface (DVI) (not supported on TECRA S1), RJ-45, RJ-11, Cable Lock, DC-in) Wireless LAN Card Kit <sup>4</sup> (802.11b) Wireless LAN Card Kit <sup>4</sup> (802.11a/b) Toshiba 2GB Type II PC Card HDD		

<sup>1</sup> CPU performance in your computer product may vary from specifications under some conditions. Please visit [pc.toshiba-asia.com/support/cpinfo](http://pc.toshiba-asia.com/support/cpinfo) for more detailed information.

<sup>2</sup> 1024MB is achieved by removing the standard 256MB Memory Kit and inserting two optional 512MB Memory Kits. Two memory slots are available.

<sup>3</sup> The optional Slim SelectBay HDD Adaptor is necessary for inserting the optional 2nd HDD Kit into the Slim SelectBay.

<sup>4</sup> Applicable to countries where official Type Approval is obtained.

<sup>5</sup> Battery Life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba website at [pc.toshiba-asia.com/support/batterylife](http://pc.toshiba-asia.com/support/batterylife) for measuring background information.

<sup>6</sup> Weight may vary depending on Slim SelectBay components

<sup>7</sup> Thickness may vary at certain points on the system.

HDD calculation: 1GB means 1 billion bytes

\* Available on selected models.

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